

DATA-BASED CONTROL OF INTEGRATED CIRCUITS

Abstract of Disclosure

Integrated circuit chips can have a programmable data reference table that provides information required for circuit blocks on the chip to attain a desired performance, such as a certain power consumption and/or clock speed. The information entered into this table is based on data obtained from actual tests performed on the chip either when it is on a wafer or after it has been cut from the wafer. The tests determine the clock rates, supply voltages, and back-bias voltages at which the chip can successfully execute a program.

Figures

Figure 1: A vertical strip of text, likely a page number or identifier, located on the left margin. The text is oriented vertically and appears to be a sequence of characters, possibly a barcode or a unique identifier.